

# **Apollo Screed** Concrete Floor Screeding System

## **Cement Based Floor Screed**-Technical Data

\* All values are approximate

### **Colour**

Grey fluid mortar

### **Density**

Wet:135kg/m<sup>2</sup>@60mm

Dry:122kg/m<sup>2</sup>@60mm

### **Application Temperatures**

+5°C min,+30°C max

### **Min Thickness-Unbonded**

60mm

### **Cover over heating Pipes**

30mm

### **Maximum Thickness**

100mm

### **Typical Strengths at 28 days**

Satisfies C30 Requirements

### **Flexural Strenght**

3.33 N/mm<sup>2</sup>

### **Compressive Strenght**

20 N/mm<sup>2</sup>(nominal)

### **Flow(DIN 1060) Test**

660

### **BRE Impact Test**

<3mm

### **Setting Time**

Initial >4 hours

Final < 11 hours

### **Thermal Conductivity**

1.13W/mk

### **Drying Time**

**(20°C/60%RH)**

1mm/day up to 40mm

2mm /day over 40mm

**Drying Shrinkage**

0.053%

**Light Foot Traffic**

Minimum 24hours @ 20°C

**Fire Rating**

Non Combustible

**Cement**

IS EN 197-1: 2001

**Sand**

BS EN 13139:2002

**Admixtures**

Complies with BS 8443:2005 and with EN 934-2

**Additives**

**Fibremesh complies with BAA Cert No.92/2857**